



PATENT
Customer No. 22,852
Attorney Docket No. 09700.0060

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Malte WEDEL et al.) Group Art Unit: 2171
Application No.: 10/672,073) Examiner: Unknown
Filed: September 26, 2003) Confirmation No.: 4686
For: REPRESENTING HIERARCHICAL)
LIST DATA)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REVOCATION OF POWER OF ATTORNEY
AND GRANT OF NEW POWER OF ATTORNEY

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in this patent application, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that **SAP AKTIENGESELLSCHAFT** is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors recorded at the U.S. Patent and Trademark Office at **Reel 014358, Frame 0281**. The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title is in the assignee **SAP AKTIENGESELLSCHAFT**.

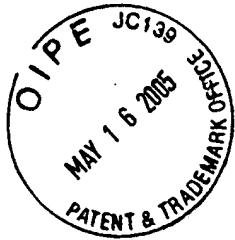
The undersigned hereby grants its power of attorney to **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**, Customer **Number 22,852**, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Please send all future correspondence concerning this application to:

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.
Customer Number 22,852
901 New York Avenue, NW
Washington, DC 20001

Dated: May 9, 2005

By: 
ppa. Guenther Schmalz
IP Director EMEA
SAP Aktiengesellschaft



PATENT
Customer No. 22,852
Attorney Docket No. 09700.0060

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Malte WEDEL et al.) Group Art Unit: 2127
Application No.: 10/672,073) Examiner: Unknown
Filed: September 26, 2003)
For: REPRESENTING HIERARCHICAL) Confirmation No.: 4686
LIST DATA)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

CHANGE OF CUSTOMER NUMBER AND CORRESPONDENCE ADDRESS

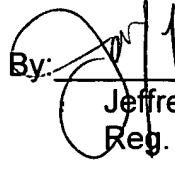
Effective immediately, please make the following changes concerning all future correspondence with respect to the above-identified patent application:

Customer No.: 22,852
Attorney Docket No.: 09700.0060-00000
Telephone: (202) 408-4000
Facsimile: (202)-408-4400

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: May 15, 2005

By: 
Jeffrey A. Berkowitz
Reg. No. 36,743



UNITED STATES DEPARTMENT OF COMMERCE
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ASSISTANT SECRETARY AND COMMISSIONER
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FEBRUARY 24, 2004

PTAS

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REDWOOD CITY, CALIFORNIA 94063

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/19/2004

REEL/FRAME: 014358/0281
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
WEDEL, MALTE

DOC DATE: 02/16/2004

ASSIGNEE:
ROESSLER, ANDREAS

DOC DATE: 02/16/2004

ASSIGNEE:
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NEUROTTSTRASSE 16
69190 WALLDORF, FED REP GERMANYSERIAL NUMBER: 10672073
PATENT NUMBER:FILING DATE: 09/26/2003
ISSUE DATE:

014358/0281 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECORDATION FORM COVER SHEET
PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

Malte Wedel and Andreas Roessler

Additional name(s) attached? Yes No

2. Name and address of receiving party(ies):

SAP AKTIENGESELLSCHAFT
Neurottstrasse 16
69190 Walldorf
Germany

3. Nature of conveyance:

Assignment
 Merger
 Security Agreement
 Change of Name
 Other

Execution Date: 02/16/2004

Additional names/addresses attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s):

10/872,073

B: Patent No(s):

Additional numbers attached? Yes No

6. Name/address of party to whom correspondence concerning document should be mailed:

HANS TROESCH
Fish & Richardson P.C.
500 Arguello Street, Suite 500
Redwood City, California 94063

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR §3.41): \$40

Enclosed
 Authorized to charge Deposit Account

8. Deposit Account No.: 06-1050

Please apply any additional charges, or any credit, to our Deposit Account No. 06-1050.

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9. Statement and Signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Elissa Y. Wang
Reg. No. 48,688
Name of Person Signing2-19-04
Date

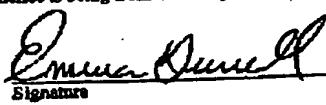
Total number of pages including coversheet, attachments and document: 3 pages

50200305.doc

GPO : 2000 OMB NO. 1115-0050 10/16/2003

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

2/19/2004
Date of TransmissionEmma Durrell
Typed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, Malte Wedel and Andreas Roessler, hereby assign to SAP Aktiengesellschaft, a German Corporation, having a place of business at Neurottstrasse 16, D-69190 Walldorf, Germany, and its successors, and assigns (collectively, "the Assignee") our entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled

Representing Hierarchical List Data

and which is found in

U.S. patent application filed on 09/26/2003
[] under Application No. 10/672,073
[] with Express Mail No. _____ (Application Number not yet known).

We authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. We authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

We hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature Malte Wedel

Malte Wedel

16.2.2004

Date

Witnessed by: W.B.

Signature

WERNER BÄCHE

Print Name

Inventor's Signature Andreas Roessler

Andreas Roessler

16th February 2004

Date

Witnessed by: Gornicki

Signature

Gornicki

Print Name